

ISU Fall Tourney

Round 5

1) Used in the soundtracks of *Die Hard 2* and *The Hunt for Red October*, it began as a piece of music to accompany a tableaux set for the Press Pensions Celebrations of 1899. It was finally set to words by opera singer Waino Sole in 1937 but two years later poet V.A. Koskenniemi wrote another set of lyrics which were officially adopted by its creator. Patriotic to the utmost, after its first performances, people were banned from whistling it in the streets and it had to be performed under the title "Impromptu." FTP name this patriotic tone poem composed by Jean Sibelius.

Answer: Finlandia.

2) Containing over 70 islands and possibly a Nessie-esque monster, it was home of the world's second steamship. One of the traditional invasion routes from Canada into the U.S. it is defended by Forts Crown Point and Ticonderoga, and Thomas Macdonough defeated a British fleet in its Plattsburgh Bay in 1814. Recently a Senate Bill declared it the Sixth Great Lake to boost the economy of Vermont whose largest city, Burlington, lies on its shores. FTP, name this long lake hedged in by the Adirondack and Green Mountains, the largest in New York, named after a French explorer.

Answer: Lake Champlain.

3) The son of a famous educator and headmaster of Rugby school he worked for 35 years as an inspector of public schools. Upset with the anarchy and emptiness of life, he believed "The disease of the present age is divorce from oneself." To that end he desired to "animate and ennoble" his readers. He did this in prose works such as *Essays on Criticism* and *Culture and Anarchy* and poems like "Thyris," his commemoration of good friend Arthur Hugh Clough. FTP name this Victorian poet and writer of "The Buried Life," and "Dover Beach."

Answer: Matthew Arnold.

4) It saw the return of civil service examinations as well as a great reform of the tax system. It was also a time of increasing despotism and increasing influence of eunuchs in the court, best exemplified by Cheng Ho, the leader of many large naval expeditions of discovery. It was established in 1368 by Zhu Yuanzhang who overthrew the Mongol Yuan dynasty. Mongol invasions continued to be a problem and it was during this dynasty that the Great Wall was completed. This, however, didn't stop a Manchu invasion which would, in 1644, form the new Qing dynasty. FTP name this dynasty which also names prized Chinese vases.

Answer: Ming.

5) Together with the poet Tibullus he was a client of Corvinus Messala rather than part of Maecinus's literary circle. Among his works are the *Fasti*, an account of the Roman calendar and its religious festivals, the *Heroides*, containing letters from mythological lovers, and the *Tristia*, about his sadness, written after he had been exiled to Tomi on the Black Sea. This exile was partially a result of

his *Amores* and *The Art of Love* which violated the emperor Augustus' moral policies. FTP name this poet most famous for his collection of transformation myths, *The Metamorphoses*.

Answer: Publius Ovidius Naso.

6) Consisting of 4 internally reversible processes, the first step is an isentropic compression of the air, followed by a constant volume heat transfer to the air from an external source. The 3rd step is the power stroke, an isentropic expansion followed by a constant volume rejection of the heat from the air. The first such engine was built in 1861 by a German engineer. FTP, name this cycle that represents traditional gasoline-powered engines.

Answer: Otto cycle or Otto engine.

7) A proponent of a combination of socialism and authoritarianism he led attempted insurrections in 1831 and 1836 and was exiled before returning and becoming president in the wake of the 1848 revolutions. During his reign he sent expeditions to Syria, China, Indochina, and most notably, Mexico. Militarily he entered France in the Crimean war and abandoned his Piedmontese allies after the battle of Solferino. FTP name this man, forced to abdicate after his defeat by the Prussians at Sedan, the son of Louis Bonaparte and the leader of the 2nd Empire.

Answer: Napoleon III. (prompt on Louis Napoleon.)

8) Set in Georgia's Macomb County, it was written as a compilation of letters from Celie: to God in the first half and to her sister Nettie, a missionary in Africa, in the second half. Notable characters include: Fonso, Celie's sexually abusive stepfather; Albert, a small farmer who marries Celie and generally treats her poorly; Sofia Butler, Celie's daughter-in-law, an outspoken woman who spends years in prison for a minor crime; and Shug Avery a strong blues singer who inspires Celie. FTP name this 1983 Pulitzer Prize winning novel by Alice Walker.

Answer: The Color Purple.

9) At the age of ten he wrote a short paper on an albino sparrow so that a university librarian would take him seriously; he eventually received a doctorate in zoology and spent his early career studying mollusks. After WWI he became interested in psychology and worked in one of Alfred Binet's laboratories. However, he disagreed with how Binet examined children's intelligence and developed a theory of genetic epistemology, an empirical study of how our learning processes change and improve as we age, which posited that children progress through four stages of learning beginning with the Sensorimotor and ending with the Formal Operational. FTP name this Swiss child psychologist.

Answer: Jean Piaget.

10) Tossup: After being turned down by Notre Dame, who were wary of his small size, he had an outstanding college career at the University of Louisville. He was drafted by the Steelers in 1955 but they already had too many quarterbacks; he went home and was picked up by another NFL team the following year. During an 18 year career, which he ended in 1973 as a San Diego Charger, he won three NFL championships, one Super Bowl and threw a touchdown in a record 47 consecutive games. FTP name this longtime Baltimore Colt who

recently died of a heart attack at age 69.

Answer: Johnny Unitas.

11) Edgar Lee Masters described him as an "infinite paradox" with "his sadness, and kindness." Late in his career he defended a black family, who used violence against a mob trying to throw them out of a white neighborhood. He was himself acquitted of bribing a juror in 1912 and also managed to get acquittals for Eugene Debs, on charges in the aftermath of the Pullman strike, and Bill Haywood, on assassinating the ex-governor of Idaho. A staunch determinist, he used this philosophy to save Leopold and Loeb from a death sentence. FTP name this American lawyer who defended biology teacher John Scopes.

Answer: Clarence Darrow.

12) His doctoral thesis was on the absorption of light by crystals, and his early work was concerned with terrestrial magnetism and the plane of polarization of light. His studies of phosphorescence led to his investigations of uranium salts in 1896, which he found spontaneously emitted radiation consisting of charged particles. FTP, name this 1903 co-winner of the Physics Nobel and namesake of a unit of radioactivity.

Answer: Antoine Henri Becquerel.

13) Depicted as having blue stripes on his face and limbs, carries four spears in his right hand and a shield in the left, and wearing feathers on his head and his left leg. He was born fully armed from his mother Coatlicue whom he immediately had to defend from his brothers the Centzonvitznoua and his sister, Coyolxauhqui, a moon goddess. In addition to his main occupation he was the god of lighting as well as a fertility god and his priests had authority over the priests of all other deities. FTP name this Aztec hummingbird god of war.

Answer: Huitzilopochtli.

14) They only feature one form of chlorophyll, chlorophyll "a." They also have played a tremendous role in the evolution of life on Earth. They were likely the first oxygen-evolving organisms and are responsible for the conversion of the atmosphere from anoxic to oxic. They also probably evolved into the chloroplast through a symbiotic relationship. FTP, name these microbes, also known as blue-green algae.

Answer: Cyanobacteria. [Prompt on early buzz of "blue-green algae"]

15) His psychology posits three basic emotions: Desire, which he describes as Conatus or a striving to continue existing, as well as Joy and sadness: movements to greater and lesser perfection, respectively. In his *Theological-Political Treatise* he asserts that the biblical prophets all had a different conception of God and that all salvation requires is being kind to neighbors and obeying the state. A substance monist, he is often called a Pantheist because he argued that God, or Nature is the only true substance because it is the only necessarily uncaused thing. FTP name this Jewish lens-grinder the author of *Opera Posthuma* and *The Ethics*.

Answer: Benedict or Baruch Spinoza.

16) The author of theoretical treatises on fortifications and human proportions, a great deal is known about his life from his detailed diary and numerous

self-portraits. A native of Nuremberg, he supported Luther's new ideas as evidenced by his painting *Four Apostles* in which he emphasizes the Bible and places John before Peter. He also painted the botanically correct *The Great Piece of Turf*, but is better known for another medium. FTP name this engraver of *The Fall of Man*, *Saint Jerome in His Study*, and *Knight, Death and the Devil*.

Answer: Albrecht Durer.

17) In the absence of friction, geostrophic wind flows parallel to isobars because this is in balance with the pressure gradient force. Its magnitude increases with the sine of latitude and its minimum is at the equator. FTP name this apparent force which exists due to the rotation of the earth and which deflects the wind to the right in the northern hemisphere.

Answer: Coriolis Force.

18) Part of this novel was completed and published separately in 1919 under the title "Before the Law," in the collection *A Country Doctor*. However, it was unfinished at the author's death in 1924, and was published in 1925 despite the author's wish that all his uncompleted works should be destroyed. The book begins, "Someone must have traduced Joseph K. for without having done anything wrong he was arrested one fine morning" and ends with Joseph K's brutal murder by two men. FTP name this Franz Kafka work about a man condemned by a callous court system.

Answer: The Trial, or Der Prozess.

19) Names the Same. In *Age of Empires II* they cost 60 food and 75 gold and have 2/3 (read 2-3) armor protection, 160 hit points and 14 attack points. In Role Playing games they are nearly always in some sort of religious organization and combine fighting and spell-casting abilities. It also names any Furman University Athlete as well as the character played by Richard Boone in *Have Gun, Will Travel*. In literature the name usually refers to the "12 Peers" and other companions of Charlemagne. FTP identify this term which in general describes any heavily armored knight.

Answer: Paladins.

20) After murdering John Comyn the brother-in-law of his rival John Balliol, he declared himself king, but was soon excommunicated and defeated at the Battle of Methven. However, the next year he won great victories at Glen Trool and Loudon Hill but even more importantly his enemy Edward I finally died. During the next few years he destroyed the rest of the Comyn family and gained recognition from France; by 1320 he declared his Country's independence at Arbroath which was guaranteed by the treaty of Northampton in 1328. FTP name this patriot and king of Scotland, the victor of Bannockburn.

Answer: Robert the Bruce or Robert Bruce.

Boni

Bonus: In July 371 B.C. a battle was fought on the plains of Boiotia in which a Spartan army under King Kleombrotos was defeated by a force half the size of his army, ending Spartan Hegemony of Greece. Answer Questions about the battle FTPE.

1. First, name the city state that won the battle of Leuctra just years after they had freed themselves from direct Spartan domination.

Answer: Thebes.

1. First identify the battle named for a small town near Thebes.

Answer: Leuctra.

2. Next, name the commander of the Thebans a brilliant general who arranged his force in oblique order (for the first time in history) to bring his 60 man deep phalanx against the Spartan 12 man deep phalanx.

Answer: Epamenondas.

3. Finally, name the unit composed of "150 pairs of lovers sworn to conquer or die together," which under the command of Pelopidas, covered the left flank of the main Theban phalanx thwarting a Spartan flanking action. In 338 they would die almost to the man fighting Philip II at Chaeronea.

Answer: Sacred Band.

Bonus: Blackjack Bonus. Given your two cards and the dealer's up card tell whether your highest probability move is to hit, stand, double down, or spilt. FFPE. Note: these are based on Las Vegas rules with multiple decked shoes.

1. Dealer's up card is a nine. You have a six and a four.

Answer: Double Down.

2. Dealer's up card is a seven. You have a nine and an eight.

Answer: Stand.

3. Dealer's up card is an ace. You have two aces.

Answer: Split.

4. Dealer has a ten. You have a two fours.

Answer: Hit.

5. Dealer has a nine and you have two tens.

Answer: Stand.

6. The Dealer's up card is a ten and you are holding a nine and a seven.

Answer: Hit.

Name the SI derived unit for used to measure the following quantities F5PE.

1. solid angle

Answer: steradian

2. radiant flux

Answer: watt

3. magnetic flux

Answer: weber

4. luminous flux

Answer: lumen

5. absorbed dose

Answer: gray

6. catalytic activity

Answer: katal

Bonus: Identify the mythological Kings of Athens from clues FTSNOP.

1. This legendary king unified Attica, fought Amazons, killed highway robbers, slew the Minotaur, etc., etc. etc.

Answer: Theseus.

2. This father of Theseus gave refuge to Medea. He threw himself into the sea after his son forgot to lower the black flag upon his return to Athens from Crete.

Answer: Aegeus.

3. This half-serpent sprung from the earth and became the founder of Athens, originally calling it after himself. He was witness to the contest between Athena and Poseidon over who would become patron of the city.

Answer: Kercrops.

4. This namesake of a building on the Acropolis defended Athens in its first war - against the Eleusinians. He sacrificed his daughters to ensure victory but was killed by Poseidon after he slew Eumolpus the sea god's son.

Answer: Erectheus.

Bonus: Many computer languages' names are acronyms. FTSNOP, expand the acronym.

1. (5) HTML

Answer: Hyper Text Markup Language.

2. (10) Perl

Answer: Practical Extraction and Report Language. (Accept Pathologically Eclectic Rubbish Lister)

3. (15) PHP

Answer: PHP Hypertext Preprocessor (Accept Personal Home Page tools)

Bonus: Identify the structure of a plant's root, FTPE.

1. Cellular division in this part of the root leads to linear growth of the root downwards.

Answer: Apical meristem.

2. This segment of the root is beneath the apical meristem, and it protects the meristem from damage from rocks and soil.

Answer: Root cap.

3. The procambium produces this vascular bundle where the xylem and phloem develop.

Answer: Stele.

Bonus: Identify the Sergey Prokofiev works from clues FTPE.

1. This was his first successful opera and widely regarded as his best. It was written while Prokofiev was in the U.S. and was based on an 18th century Carlo Gozzi play. Its cast features ten 'ridiculous people,' a chorus of 'little devils,' a 'Gigantic Cook' and a smattering of princesses."

Answer: The Love for Three Oranges.

2. This orchestral masterpiece for children was written after Stalin's policies became more oppressive regarding music. All the characters, among them a duck and a cat, are represented by different instruments.

Answer: Peter and the Wolf.

3. Prokofiev intended a happy ending for this musical adaptation of a Shakespeare play for ballet because "Living people can dance, the dying cannot." He was dissuaded by the choreographer and the music closely follows its source play.

Answer: Romeo and Juliet.

Bonus: Identify these cultures important to Anthropology from Descriptions FTPE.

1. Natives of this group were studied by Bronislaw Malinowski and the subjects of *Argonauts of the Western Pacific*. The most notable thing about them is the Kula Ring Exchange, a ceremonial trading of expensive shells.

Answer: Trobriand Island(ers).

2. This tribe of Brazil and Venezuela is recently having trouble with miners and oil companies encroaching on their land. In anthropology the men are known for their fierceness and there is constant ritual warfare.

Answer: Yanomami.

3. Despite the exploitive 1840 Treaty of Waitangi made with British settlers this aboriginal people of New Zealand has kept its identity to a large extent, as one quarter of them still speak their original language rather than the language of their colonizers.

Answer: Maori.

Bonus: Name the forms of Buddhism from descriptions FTPE.

1. This is the largest sect of Buddhism popular in China and Japan. Its emphasis is on helping others to attain Nirvana before you attain it. This is because in their theory of reality and sensation we cannot distinguish between individual objects. This sect contains the Yagacara and Modhyamika schools.

Answer: Mahayana.

2. This traditional form of Buddhism is still popular in Sri Lanka, Myanmar, and Thailand. In contrast to Mahayana, it stresses the individual attainment of Nirvana. Consists of the Sautrantika school which advocates a representative theory of realism and the Vaibhoshika who advocate a direct realism.

Answer: Theravada.

3. This form of Buddhism often associated with Phil Jackson is a form of Mahayana focusing on meditation and conditioning. It is based on esoteric readings not part of the Buddhist canon.

Answer: Zen.

3. This form of Buddhism is popular in Mongolia and Tibet. It is the form of Buddhism headed by the Dalai Lama and thus is often called Lamaism.

Answer: Tantric.

Bonus: Identify the African authors from clues FTPE.

1. This South African condemned racism in works like *Ah, But Your Land is Beautiful* and *Cry, the Beloved Country*.

Answer: Alan Paton.

2. Also a South African, his works show a strong dislike for oppressive governments and societies. His works include *Writing for the Barbarians* and the Booker Prize winning *Life and Times of Michael K*.

Answer: John Michael Coetzee.

3. Another South African, he wrote *Blood Knot*, the first play to be performed in South Africa with a mixed cast. His most famous work is *Master Harold...and the Boys*.

Answer: Athol Fugard.

4. This Nigerian playwright won the 1986 Nobel Prize for literature. He was the founder of the Mask and the Orisun Repertory two Nigerian Theater companies. His writings include *The Trials of Brother Jero*, *Before the Blackout*, and *The Lion and the Jewell*.

Answer: Wole Soyinka.

Bonus: I'm sure everyone has had a chemistry class where you performed a flame test on various metals. Given a metal, name the color produced F5PE.

1. Strontium

Answer: crimson red

2. Barium

Answer: green

3. Lead

Answer: blue

4. Zinc

Answer: white-green

5. Sodium

Answer: yellow

6. Potassium

Answer: purple (accept equivalents)

Bonus: Refer to the attachment. Given a painting by a woman name it and the woman who painted it.

1. Figure A.

Answer: Judith Slaying Holofernes by Artemisia Gentileschi.

2. Figure B.

Answer: The Bath by Mary Cassat.

3. Figure C.

Answer: The Two Fridas by Frida Kahlo.

Bonus: Identify the bandleaders for the following late night talk shows on a 5-5-10-10 basis.

1. (5) Tonight Show with Jay Leno.

Answer: Kevin Eubanks.

2. (5) Late Night with Conan O'Brien.

Answer: Max Weinberg.

3. (10) Primetime Glick.

Answer: Adrian Van Voorhees.

4. (10) Space Ghost Coast to Coast.

Answer: Zorak.

Bonus: Answer questions about the world's eighth most populous country, Bangladesh, FTSNOP.

1.(10) This fast growing city of 10 million people, located in the middle of the country, is the capital of Bangladesh.

Answer: Dhaka.

2.(10) This southeastern city is the busiest port in Bangladesh, and with a population of nearly two million, rivals Khulna City for the status of second largest city in the country. Its major attractions include the Shrine of Bayazid Bostami and Chandanpura Mosque.

Answer: Chittagong.

3. (5/5) For five points each, Bangladesh's agricultural economy is largely based on the delta formed by what two major Indian rivers that flow into the Bay of Bengal.

Answer: Ganges and Brahmaputra.

Bonus: Identify the Liberators of South America from clues FTPE.

1. This Argentine general helped secure the independence of his own country and then crossed the Andes. He won victories at Chacabuco and Maipu to free Chile and then liberated Peru and became its "Protector." His career ended when he gave precedence to Bolivar at the Conference of Guayaquil.

Answer: Jose de San Martin.

2. A bastard son of the viceroy of Spain, this commander led the Chilean forces in a heroic defeat at Rancagua. A few years later he returned as one of San Martin's lieutenants helping him at Chacabuco and becoming Director of Chile.

Answer: Bernardo O'Higgins.

3. He was Bolivar's chief lieutenant. He defeated the Spaniards at Pichincha to free Quito and later defeated the last large Spanish army on the continent at Ayacucho in 1824. He became president of Bolivia, but was killed in 1830 on his way home to Quito.

Answer: Antonio Jose de Sucre.

4. A British naval officer in the Napoleonic wars, he was disgraced in a stock market scandal and went to South America where he became admiral of the Chilean fleet and cleared the waters off Peru allowing San Martin to capture Lima. In later years he secured the independence of Northern Brazil and fought in the Greek War of Independence.

Answer: Admiral Thomas, Lord Cochrane.

Bonus: Identify Longfellow works from clues FTPE.

1. In this Tale of Acadia, two lovers are separated after the British victory in the French and Indian Wars. They search for each other for years and eventually the title character recognizes her lover while nursing the sick in Philadelphia.

Answer: Evangeline.

2. Based on the legends of the Ojibway tribe of the Great Lakes region, this poem was immediately popular after its 1855 publication, although many critics believed it was an obvious plagiarism of the *Kalevala*.

Answer: The Song of Hiawatha.

3. Inspired by a vacation to recover from his wife's death, this collection of poems is modeled after Chaucer's Canterbury Tales with each guest telling a story. These include "The Midnight Ride of Paul Revere," and "The Battle of Carmilhan."

Answer: Tales of a Wayside Inn.

4. The title character, a life-long soldier, asks a young Puritan scholar, John Alder, to ask the lovely Priscilla for her hand in marriage. Unfortunately, John is also smitten with Priscilla and the friendship of the two men is threatened.

Answer: The Courtship of Miles Standish.

Bonus: Identify the French authors from clues FTPE.

1. Described as "the freest spirit who ever existed" he was a rapist and torturer who gave his name to a new word in the English language. While in prison he wrote the erotic works *The 120 Days of Sodom* and *Justine*.

Answer: Marquis de Sade.

2. This 16th century Renaissance Frenchman invented a new genre of writing with his Essays. Most of them dealt with skepticism and fideism.

Answer: Michel de Montaigne.

3. He wrote *Chantecler* about a rooster that believes his singing causes the sun to come up as well as a tragedy about Napoleon's son. He is best known for his comedies which include *The Red Glove*, *The Romantics* and *Cyrano de Bergerac*.

Answer: Edmond Rostand.

3. Writing in the classical French tradition of Voltaire, his works include the hedonistic book of aphorisms *The Garden of Epicurus* and the novels *Revolt of the Angels* and *Penguin Island*.

Answer: Anatole France or Jacques Anatole Thibault.

Bonus: Answer the following questions about the Vietnam War FTSNOP.

1. (5/5) First, FFPE, name the two ships allegedly attacked by the North Vietnamese in the Gulf of Tonkin, giving President Johnson the excuse he needed to start sending combat troops in.

Answer: Maddox and C. Turner Joy.

2. (10) On January 30 the North Vietnamese stepped off this large scale offensive aimed at myriad locations including the former capital of Hue and the U.S. embassy in Saigon. It failed militarily but proved a turning point psychologically for the media and home-front.

Answer: Tet Offensive.

3. (10) Now, name the commander in chief in Vietnam from 1964-1968 whose strategy of attrition rates failed, ultimately causing the public to turn against the war. He would later become chairman of the Joint Chiefs.

Answer: William C. Westmoreland.

Bonus: The Germans are the best at coming up with cooling sounding phrases. Identify these from clues FTPE.

1. This movement of the late 18th century was a reaction against the Enlightenment and pushed for social reform. It gets its name from a Maximilian Klinger play and its notable members include Goethe, Schiller, and Lenz.

Answer: Sturm und Drang.

2. This word names Bismarck's campaign against the Catholic Church with began in 1870 over the question of papal infallibility and was opposed by the Catholic Center Party. Bismarck scaled down his attack in 1878 in the face of serious opposition and an arrangement was reached in 1887.

Answer: Kulturkampf.

3. It took place from Nov. 9-10 all over Germany. Planned by Joseph Goebbels and carried out by fanatical young Nazis on the pretext of retaliation for the assassination of Third Secretary Ernst von Roth this terror campaign against the Jews destroyed over one hundred synagogues and 7500 businesses.

Answer: Kristallnacht.

Bonus: Give the Austin work from the main male characters FTPE.

1. Mr. Elton, Robert Martin, Frank Churchill, Knightly.

Answer: Emma.

2. Thomas Bertram, Henry Price, Edmund.

Answer: Mansfield Park.

3. Wickham, Bingley, Darcy

Answer: Pride and Prejudice.

